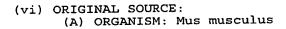
SEQUENCE LISTING

- (1) GENERAL INFORMATION:
 - (i) APPLICANT: Feng, Lili Chen, Sizhong Xia, Yiyang
 - (ii) TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC METHODS RELATED TO REGULATING ENERGY MOBILIZATION WITH OB PROTEIN AND OB ANTIBODIES
 - (iii) NUMBER OF SEQUENCES: 11
 - (iv) CORRESPONDENCE ADDRESS:
 - (A) ADDRESSEE: Olson & Hierl, Ltd.
 - (B) STREET: 20 North Wacker Drive, 36th Floor
 - (C) CITY: Chicago
 - (D) STATE: IL
 - (E) COUNTRY: US
 - (F) ZIP: 60606
 - (v) COMPUTER READABLE FORM:
 - (A) MEDIUM TYPE: Floppy disk

 - (B) COMPUTER: IBM PC compatible (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 - (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
 - (vi) CURRENT APPLICATION DATA:
 - (A) APPLICATION NUMBER:
 - (B) FILING DATE: 04-JUN-1997
 - (C) CLASSIFICATION:
 - (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: US 60/018,972 (B) FILING DATE: 04-JUN-1996
 - (viii) ATTORNEY/AGENT INFORMATION:

 - (A) NAME: Olson, Arne M
 (B) REGISTRATION NUMBER: 30,203
 - (C) REFERENCE/DOCKET NUMBER: TSRI540.1PCT
 - (ix) TELECOMMUNICATION INFORMATION:
 - (A) TELEPHONE: 312-580-1180
 - (B) TELEFAX: 312-580-1189
- (2) INFORMATION FOR SEQ ID NO:1:
 - (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 2793 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: double
 - (D) TOPOLOGY: linear
 - (ii) MOLECULE TYPE: cDNA
 - (iii) HYPOTHETICAL: NO
 - (iv) ANTI-SENSE: NO



(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

(XI) DE	CORNER DEDC		*			
GGATCCCTGC	TCCAGCAGCT	GCAAGGTGCA	AGAAGAAGAA	GATCCCAGGG	AGGAAAATGT	60
GCTGGAGACC	CCTGTGTCGG	TTCCTGTGGC	TTTGGTCCTA	TCTGTCTTAT	GTTCAAGCAG	120
TGCCTATCCA	GAAAGTCCAG	GATGACACCA	AAACCCTCAT	CAAGACCATT	GTCACCAGGA	180
TCAATGACAT	TTCACACACG	CAGTCGGTAT	CCGCCAAGCA	GAGGGTCACT	GGCTTGGACT	240
TCATTCCTGG	GCTTCACCCC	ATTCTGAGTT	TGTCCAAGAT	GGACCAGACT	CTGGCAGTCT	300
ATCAACAGGT	CCTCACCAGC	CTGCCTTCCC	AAAATGTGCT	GCAGATAGCC	AATGACCTGG	360
AGAATCTCCG	AGACCTCCTC	CATCTGCTGG	CCTTCTCCAA	GAGCTGCTCC	CTGCCTCAGA	420
CCAGTGGCCT	GCAGAAGCCA	GAGAGCCTGG	ATGGCGTCCT	GGAAGCCTCA	CTCTACTCCA	480
CAGAGGTGGT	GGCTTTGAGC	AGGCTGCAGG	GCTCTCTGCA	GGACATTCTT	CAACAGTTGG	540
ATGTTAGCCC	TGAATGCTGA	AGTTTCAAAG	GCCACCAGGC	TCCCAAGAAT	CATGTAGAGG	600
GAAGAAACCT	TGGCTTCCAG	GGGTCTTCAG	GAGAAGAGAG	CCATGTGCAC	ACATCCATCA	660
TTCATTTCTC	TCCCTCCTGT	AGACCACCCA	TCCAAAGGCA	TGACTCCACA	ATGCTTGACT	720
CAAGTTATCC	ACACAACTTC	ATGAGCACAA	GGAGGGGCCA	GCCTGCAGAG	GGGACTCTCA	780
CCTAGTTCTT	CAGCAAGTAG	AGATAAGAGC	CATCCCATCC	CCTCCATGTC	CCACCTGCTC	840
CGGGTACATG	TTCCTCCGTG	GGTACACGCT	TCGCTGCGGC	CCAGGAGAGG	TGAGGTAGGG	900
ATGGGTAGAG	CCTTTGGGCT	GTCTCAGAGT	CTTTGGGAGC	ACCGTGAAGG	CTGCATCCAC	960
ACACAGCTGG	AAACTCCCAA	GCAGCACACG	ATGGAAGCAC	TTATTTATTT	ATTCTGCATT	1020
CTATTTTGGA	TGGATCTGAA	GCAAGGCATC	AGCTTTTTCA	GGCTTTGGGG	GTCAGCCAGG	1080
ATGAGGAAGG	CTCCTGGGGT	GCTGCTTTCA	ATCCTATTGA	TGGGTCTGCC	CGAGGCAAAC	1140
CTAATTTTTG	AGTGACTGGA	AGGAAGGTTG	GGATCTTCCA	AACAAGAGTC	TATGCAGGTA	1200
GCGCTCAAGA	TTGACCTCTG	GTGACTGGTT	TTGTTTCTAT	TGTGACTGAC	TCTATCCAAA	1260
CACGTTTGCA	GCGGCATTGC	CGGGAGCATA	GGCTAGGTTA	TTATCAAAA	CAGATGAATT	1320
TTGTCAAGTG	TAATATGTAT	CTATGTGCAC	CTGAGGGTAG	AGGATGTGT	AGAGGGAGGG	1380
TGAAGGATCC	GGAAGTGTTC	TCTGAATTAC	ATATGTGTGG	TAGGCTTTTC	TGAAAGGGTG	1440
AGGCATTTTC	TTACCTCTGT	GGCCACATAG	TGTGGCTTTG	TGAAAAGGA	AAAGGAGTTG	1500
ACTCTTTCCG	GAACATTTGG	AGTGTACCAG	GCACCCTTGG	agggctaa)	A GCTACAGGCC	1560
TTTTGTTGGC	ATATTGCTGA	GCTCAGGGAG	TGAGGGCCCC	CACATTTGAG	A CAGTGAGCCC	1620
CAAGAAAAGG	GTCCCTGGTG	TAGATCTCCA	AGGTTGTCC	GGGTTGATC	r CACAATGCGT	1680

TTCTTAAGCA	GGTAGACGTT	TGCATGCCAA	TATGTGGTTC	TCATCTGATT	GGTTCATCCA	1740
AAGTAGAACC	CTGTCTCCCA	CCCATTCTGT	GGGGAGTTTT	GTTCCAGTGG	GAATGAGAAA	1800
TCACTTAGCA	GATGGTCCTG	AGCCCTGGGC	CAGCACTGCT	GAGGAAGTGC	CAGGGCCCCA	1860
GGCCAGGCTG	CCAGAATTGC	CCTTCGGGCT	GGAGGATGAA	CAAAGGGGCT	TGGGTTTTTC	1920
CATCACCCCT	GCACCCTATG	TCACCATCAA	ACTGGGGGGC	AGATCAGTGA	GAGGACACTT	1980
GATGGAAAGC	AATACACTTT	AAGACTGAGC	ACAGTTTCGT	GCTCAGCTCT	GTCTGGTGCT	2040
GTGAGCTAGA	GAAGCTCACC	ACATACATAT	AAAAATCAGA	GGCTCATGTC	CCTGTGGTTA	2100
GACCCTACTC	GCGGCGGTGT	ACTCCACCAC	AGCAGCACCG	CACCGCTGGA	AGTACAGTGC	2160
TGTCTTCAAC	AGGTGTGAAA	GAACCTGAGC	TGAGGGTGAC	AGTGCCCAGG	GGAACCCTGC	2220
TTGCAGTCTA	TTGCATTTAC	ATACCGCATT	TCAGGGCACA	TTAGCATCCA	CTCCTATGGT	2280
AGCACACTGT	TGACAATAGG	ACAAGGGATA	GGGGTTGACT	ATCCCTTATC	CAAAATGCTT	2340
GGGACTAGAA	GAGTTTTGGA	TTTTAGAGTC	TTTTCAGGCA	TAGGTATATT	TGAGTATATA	2400
TAAAATGAGA	TATCTTGGGG	ATGGGGCCCA	AGTATAAACA	TGAAGTTCAT	TTATATTTCA	2460
TAATACCGTA	TAGACACTGC	TTGAAGTGTA	GTTTTATACA	GTGTTTTAAA	TAACGTTGTA	2520
TGCATGAAAG	ACGTTTTTAC	AGCATGAACC	TGTCTACTCA	TGCCAGCACT	CAAAAACCTT	2580
GGGGTTTTGG	AGCAGTTTGG	ATCTTGGGTT	TTCTGTTAAG	AGATGGTTAG	CTTATACCTA	2640
AAACCATAAT	GGCAAACAGG	CTGCAGGACC	AGACTGGATC	CTCAGCCCTG	AAGTGTGCCC	2700
TTCCAGCCAG	GTCATACCCT	GTGGAGGTGA	GCGGGATCAG	GTTTTGTGGT	GCTAAGAGAG	2760
GAGTTGGAGG	TAGATTTTGG	AGGATCTGAG	GGC			2793

(2) INFORMATION FOR SEQ ID NO:2:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 3862 base pairs (B) TYPE: nucleic acid

 - (C) STRANDEDNESS: double
 - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: cDNA
- (iii) HYPOTHETICAL: NO
- (iv) ANTI-SENSE: NO
- (vi) ORIGINAL SOURCE:
 - (A) ORGANISM: Mus musculus
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

GTCGACCCAC GCGTCCGGAG GAATCGTTCT GCAAATCCAG GTGTACACCT CTGAAGAAAG 60 ATGATGTGTC AGAAATTCTA TGTGGTTTTG TTACACTGGG AATTTCTTTA TGTGATAGCT 120

GCACTTAACC '	TGGCATATCC	AATCTCTCCC	TGGAAATTTA	AGTTGTTTTG	TGGACCACCG	180
AACACAACCG	ATGACTCCTT	TCTCTCACCT	GCTGGAGCCC	CAAACAATGC	CTCGGCTTTG	240
AAGGGGGCTT	CTGAAGCAAT	TGTTGAAGCT	TTAATTTAAA	CAAGTGGŤAT	CTACGTTCCT	300
GAGTTATCCA .	AAACAGTCTT	CCACTGTTGC	TTTGGGAATG	AGCAAGGTCA	AAACTGCTCT	360
GCACTCACAG .	ACAACACTGA	AGGGAAGACA	CTGGCTTCAG	TAGTGAAGGC	TTCAGTTTTT	420
CGCCAGCTAG	GTGTAAACTG	GGACATAGAG	TGCTGGATGA	AAGGGGACTT	GACATTATTC	480
ATCTGTCATA	TGGAGCCATT	ACCTAAGAAC	CCCTTCAAGA	ATTATGACTC	TAAGGTCCAT	540
CTTTTATATG .	ATCTGCCTGA	AGTCATAGAT	GATTCGCCTC	TGCCCCCACT	GAAAGACAGC	600
TTTCAGACTG	TCCAATGCAA	CTGCAGTCTT	CGGGGATGTG	AATGTCATGT	GCCGGTACCC	660
AGAGCCAAAC	TCAACTACGC	TCTTCTGATG	TATTTGGAAA	TCACATCTGC	CGGTGTGAGT	720
TTTCAGTCAC	CTCTGATGTC	ACTGCAGCCC	ATGCTTGTTG	TGAAACCCGA	TCCACCCTTA	780
GGTTTGCATA	TGGAAGTCAC	AGATGATGGT	AATTTAAAGA	TTTCTTGGGA	CAGCCAAACA	840
ATGGCACCAT	TTCCGCTTCA	ATATCAGGTG	AAATATTTAG	AGAATTCTAC	AATTGTAAGA	900
GAGGCTGCTG	AAATTGTCTC	AGCTACATCT	CTGCTGGTAG	ACAGTGTGCT	TCCTGGATCT	960
TCATATGAGG	TCCAGGTGAG	GAGCAAGAGA	CTGGATGGTT	CAGGAGTCTG	GAGTGACTGG	1020
AGTTCACCTC	AAGTCTTTAC	CACACAAGAT	GTTGTGTATT	TTCCACCCAA	AATTCTGACT	1080
AGTGTTGGAT	CGAATGCTTC	TTTTCATTGC	ATCTACAAAA	ACGAAAACCA	GATTATCTCC	1140
TCAAAACAGA	TAGTTTGGTG	GAGGAATCTA	GCTGAGAAAA	TCCCTGAGAT	ACAGTACAGC	1200
ATTGTGAGTG	ACCGAGTTAG	CAAAGTTACC	TTCTCCAACC	TGAAAGCCAC	CAGACCTCGA	1260
GGGAAGTTTA	CCTATGACGC	AGTGTACTGC	TGCAATGAGC	AGGCGTGCCA	TCACCGCTAT	1320
GCTGAATTAT	ACGTGATCGA	TGTCAATATC	AATATATCAT	GTGAAACTGA	CGGGTACTTA	1380
ACTAAAATGA	CTTGCAGATG	GTCACCCAGC	ACAATCCAAT	CACTAGTGGG	AAGCACTGTG	1440
CAGCTGAGGT	ATCACAGGCG	CAGCCTGTAT	TGTCCTGATA	GTCCATCTAT	TCATCCTACG	1500
TCTGAGCCCA	AAAACTGCGT	CTTACAGAGA	GACGGCTTTT	ATGAATGTGT	TTTCCAGCCA	1560
ATCTTTCTAT	TATCTGGCTA	TACAATGTGG	ATCAGGATCA	ACCATTCTTT	AGGTTCACTT	1620
GACTCGCCAC	CAACGTGTGT	CCTTCCTGAC	TCCGTAGTAA	AACCACTACC	TCCATCTAAC	1680
GTAAAAGCAG	AGATTACTGT	AAACACTGGA	TTATTGAAAG	TATCTTGGGA	AAAGCCAGTC	1740
TTTCCGGAGA	ATAACCTTCA	ATTCCAGATT	CGATATGGCT	TAAGTGGAAA	AGAAATACAA	1800
TGGAAGACAC	ATGAGGTATT	CGATGCAAAG	TCAAAGTCTG	CCAGCCTGCT	GGTGTCAGAC	1860
CTCTGTGCAG	TCTATGTGGT	CCAGGTTCGC	TGCCGGCGGT	TGGATGGACT	AGGATATTGG	1920
AGTAATTGGA	GCAGTCCAGC	CTATACGCTT	GTCATGGATG	TAAAAGTTCC	TATGAGAGGG	1980

(CCTGAATTTT	GGAGAAAAAT	GGATGGGGAC	GTTACTAAAA	AGGAGAGAAA	TGTCACCTTG	2040
(CTTTGGAAGC	CCCTGACGAA	AAATGACTCA	CTGTGTAGTG	TGAGGAGGTA	CGTGGTGAAG	2100
(CATCGTACTG	CCCACAATGG	GACGTGGTCA	GAAGATGTGG	GAAATCGGAC	CAATCTCACT	2160
•	TTCCTGTGGA	CAGAACCAGC	GCACACTGTT	ACAGTTCTGG	CTGTCAATTC	CCTCGGCGCT	2220
•	TCCCTTGTGA	ATTTTAACCT	TACCTTCTCA	TGGCCCATGA	GTAAAGTGAG	TGCTGTGGAG	2280
,	TCACTCAGTG	CTTATCCCCT	GAGCAGCAGC	TGTGTCATCC	TTTCCTGGAC	ACTGTCACCT	2340
(GATGATTATA	GTCTGTTATA	TCTGGTTATT	GAATGGAAGA	TCCTTAATGA	AGATGATGGA	2400
į	ATGAAGTGGC	TTAGAATTCC	CTCGAATGTT	AAAAAGTTTT	ATATCCACGA	TAATTTTATT	2460
•	CCCATCGAGA	AATATCAGTT	TAGTCTTTAC	CCAGTATTTA	TGGAAGGAGT	TGGAAAACCA	2520
	AAGATAATTA	ATGGTTTCAC	CAAAGATGCT	ATCGACAAGC	AGCAGAATGA	CGCAGGGCTG	2580
	TATGTCATTG	TACCCATAAT	TATTTCCTCT	TGTGTCCTAC	TGCTCGGAAC	ACTGTTAATT	2640
,	TCACACCAGA	GAATGAAAAA	GTTGTTTTGG	GACGATGTTC	CAAACCCCAA	GAATTGTTCC	2700
,	TGGGCACAAG	GACTGAATTT	CCAAAAGCCT	GAAACATTTG	AGCATCTTTT	TACCAAGCAT	2760
,	GCAGAATCAG	TGATATTTGG	TCCTCTTCTT	CTGGAGCCTG	AACCCATTTC	AGAAGAAATC	2820
	AGTGTCGATA	CAGCTTGGAA	AAATAAAGAT	GAGATGGTCC	CAGCAGCTAT	GGTCTCCCTT	2880
	CTTTTGACCA	CACCAGACCC	TGAAAGCAGT	TCTATTTGTA	TTAGTGACCA	GTGTAACAGT	2940
	GCTAACTTCT	CTGGGTCTCA	GAGCACCCAG	GTAACCTGTG	AGGATGAGTG	TCAGAGACAA	3000
	CCCTCAGTTA	AATATGCAAC	TCTGGTCAGC	AACGATAAAC	TAGTGGAAAC	TGATGAAGAG	3060
	CAAGGGTTTA	TCCATAGTCC	TGTCAGCAAC	TGCATCTCCA	GTAATCATTC	CCCACTGAGG	3120
	CAGTCTTTCT	CTAGCAGCTC	CTGGGAGACA	GAGGCCCAGA	CATTTTTCCT	TTTATCAGAC	3180
	CAGCAACCCA	CCATGATTTC	ACCACAACTT	TCATTCTCGG	GGTTGGATGA	GCTTTTGGAA	3240
	CTGGAGGGAA	GTTTTCCTGA	AGAAAATCAC	AGGGAGAAGT	CTGTCTGTTA	TCTAGGAGTC	3300
	ACCTCCGTCA	ACAGAAGAGA	GAGTGGTGTG	CTTTTGACTG	GTGAGGCAGG	AATCCTGTGC	3360
	ACATTCCCAG	CCCAGTGTCT	GTTCAGTGAC	ATCAGGATCC	TCCAGGAGAG	ATGCTCACAC	3420
	TTTGTAGAAA	ATAATTTGAG	TTTAGGGACC	TCTGGTGAGA	ACTTTGTACC	TTACATGCCC	3480
	CAATTTCAAA	CCTGTTCCAC	GCACAGTCAC	AAGATAATGG	AGAATAAGAT	GTGTGACTTA	3540
	ACTGTGTAAT	CTCATCCAAG	AAGCCTCAAG	GTTCCATTCC	AGTAGAGCCT	GTCATGTATA	3600
	ATGTGTTCTT	TTATTGTTGT	GGATGTGGGA	GACAAGTGTC	AGAATCTAGT	GTGAAAATGA	3660
	TTGTTTCCAA	ACTAAGTGTG	TCTATTTTCT	CTCAGTAATA	CAATGAAACA	TATGAGGAAG	3720
	CCCTCATTAA	TCTAGTAATG	TAGATGGACT	CTTACTGAAT	ATATTCCCAA	GATACTTGGG	3780
	GAAGTCTCCC	TAATTCTAGC	AAATAAAAAT	. CCCAGGAATA	GAACTACTAA	ACACTGAATC	3840

TGGAAAAAA AAAAAAAAA AG

3862

(2) INFORMATION FOR SEQ ID NO:3:

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 1974 base pairs
 (B) TYPE: nucleic acid

 - (C) STRANDEDNESS: double
 - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: cDNA
- (iii) HYPOTHETICAL: NO
 - (iv) ANTI-SENSE: NO
 - (vi) ORIGINAL SOURCE:
 - (A) ORGANISM: Mus musculus

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

AAGTCTCCAG	GGCAGAGAGG	GAGTCAACTC	ATTGGCGCTT	GAGTCGGCAA	AGAAATCAAG	60
ATGGCCAAAG	TTCCTGACTT	GTTTGAAGAC	CTAAAGAACT	GTTACAGTGA	AAACGAAGAC	120
TACAGTTCTG	CCATTGACCA	TCTCTCTCTG	AATCAGAAAT	CCTTCTATGA	TGCAAGCTAT	180
GGCTCACTTC	ATGAGACTTG	CACAGATCAG	TTTGTATCTC	TGAGAACCTC	TGAAACGTCA	240
AAGATGTCCA	ACTTCACCTT	CAAGGAGAGC	CGGGTGACAG	TATCAGCAAC	GTCAAGCAAC	300
GGGAAGATTC	TGAAGAAGAG	ACGGCTGAGT	TTCAGTGAGA	CCTTCACTGA	AGATGACCTG	360
CAGTCCATAA	CCCATGATCT	GGAAGAGACC	ATCCAACCCA	GATCAGCACC	TTACACCTAC	420
CAGAGTGATT	TGAGATACAA	ACTGATGAAG	CTCGTCAGGC	AGAAGTTTGT	CATGAATGAT	480
TCCCTCAACC	AAACTATATA	TCAGGATGTG	GACAAACACT	ATCTCAGCAC	CACTTGGTTA	540
AATGACCTGC	AACAGGAAGT	AAAATTTGAC	ATGTATGCCT	ACTCGTCGGG	AGGAGACGAC	600
TCTAAATATC	CTGTTACTCT	AAAAATCTCA	GATTCACAAC	TGTTCGTGAG	CGCTCAAGGA	660
GAAGACCAGC	CCGTGTTGCT	GAAGGAGTTG	CCAGAAACAC	CAAAACTCAT	CACAGGTAGT	720
GAGACCGACC	TCATTTTCTT	CTGGAAAAGT	ATCAACTCTA	AGAACTACTT	CACATCAGCT	780
GCTTATCCAG	AGCTGTTTAT	TGCCACCAAA	GAACAAAGTC	GGGTGCACCT	GGCACGGGGA	840
CTGCCCTCTA	TGACAGACTT	CCAGATATCA	TAAAAGCAGC	CTTATTTCGG	GAGTCTATTC	900
ACTTGGGAAG	TGCTGACAGT	CTGTATGTAC	CATGTACAGG	AACCTTCCTC	ACCCTGAGTC	960
ACTTGCACAG	CATGTGCTGA	GTCTCTGTAA	TTCTAAATGA	ATGTTTACCC	TCTTTGTAAG	1020
AGAAGAGCAA	ACCCTAGTGG	AGCCACCCCG	ACATATGATA	CTATCTGTTA	TTTTAAAGAG	1080
TACCCTATAG	TTTGCTCAGT	ACTAATCATT	TTAATTACTA	TTCTGCATGG	CATTCTTAGG	1140
AGGATCAAAA	AGACTCTACA	CATATTACAG	ATGGGTTAAC	AAAGGGATAA	AACAACTGAA	1200

AAGCACACTC	AATGCATTTG	GAATATAAAT	TCACAGACCA	ATCTCACTGT	GCACCTTCGG	1260
CTTCAAAATG	CCAGTTGAGT	AGGATAAAGG	TATAAGAACT	TAATGCTGTC	ATTTTCAAAA	1320
GGAAGGGGAC	AATAGCTACA	TCTTTCCTAC	CTCAGTGGGT	TTTACTCCAG	TGAGATCATT	1380
TGGATGAAAT	CCTCCTGTAA	CAGACCTCAA	GAAGGAGACA	GACTGTTGAA	TGTTATTTTT	1440
AAGTTATTTT	ATATATGTAT	TATAAATAT	ATTTATGATA	ATTATATTAT	TTATGGAACA	1500
TCCTTAAATC	CTCTGAGCTT	GACAGGCATC	CTCACAGCAG	GATTTTCTAG	GTGGTCAGTT	1560
AGATATAGTT	TCCTCTAGAG	CACCATGCTA	CAGACTTTAC	ACTTTTTCCA	CAGCCACGAA	1620
GCTCTCTGTA	CATTCCTGTA	CTTGGGAGCC	CTTTCATCAT	GATCTTAATC	TGTACTGTTT	1680
ACTTTGTTCA	TCTAAAATGA	TAATTGAGTC	AGTCTTTTTC	CCTCCCATCC	TTAAAGCTGT	1740
CTGGGTATTC	TTACATCATT	CAGTCTCACC	TGTAACTAAC	ACCAACCATC	TAAAGATGGA	1800
AAGAGCTTAA	CTGTGACAAC	CACATCACTG	TTACCTGAAG	TTTCTTTTCT	AGAATGTAAT	1860
CAGTGTTTCC	CCTGGATTCC	AATTTTTTT	TCAAACCACA	GTATCATGTA	ACTATCAACA	1920
ATAACAATCA	ACTCATTATT	ATTAATCATA	ATTAAATAAA	ACAAGTTTGA	GCTG	1974

(2) INFORMATION FOR SEQ ID NO:4:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 1339 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: double
 - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: cDNA
- (iii) HYPOTHETICAL: NO
- (iv) ANTI-SENSE: NO
- (vi) ORIGINAL SOURCE:
 - (A) ORGANISM: Mus musculus

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

TGCAGGGTTC GAGGCCTAAT AGGCTCATCT GGGATCCTCT CCAGCCAAGC TTCCTTGTGC 60 AAGTGTCTGA AGCAGCTATG GCAACTGTTC CTGAACTCAA CTGTGAAATG CCACCTTTTG 120 ACAGTGATGA GAATGACCTG TTCTTTGAAG TTGACGGACC CCAAAAGATG AAGGGCTGCT 180 TCCAAACCTT TGACCTGGGC TGTCCAGATG AGAGCATCCA GCTTCAAATC TCACAGCAGC 240 ACATCAACAA GAGCTTCAGG CAGGCAGTAT CACTCATTGT GGCTGTGGAG AAGCTGTGGC 300 AGCTACCTGT GTCTTTCCCG TGGACCTTCC AGGATGAGGA CATGAGCACC TTCTTTTCCT 360 TCATCTTTGA AGAAGAGCCC ATCCTCTGTG ACTCATGGGA TGATGATGAT AACCTGCTGG 420 TGTGTGACGT TCCCATTAGA CAGCTGCACT ACAGGCTCCG AGATGAACAA CAAAAAAGCC 480

TCGTGCTGTC	GGACCCATAT	GAGCTGAAAG	CTCTCCACCT	CAATGGACAG	AATATCAACC	540
AACAAGTGAT	ATTCTCCATG	AGCTTTGTAC	AAGGAGAACC	AAGCAACGAC	AAAATACCTG	600
TGGCCTTGGG	CCTCAAAGGA	AAGAATCTAT	ACCTGTCCTG	TGTAATGAAA	GACGGCACAC	660
CCACCCTGCA	GCTGGAGAGT	GTGGATCCCA	AGCAATACCC	AAAGAAGAAG	ATGGAAAAGC	720
GGTTTGTCTT	CAACAAGATA	GAAGTCAAGA	GCAAAGTGGA	GTTTGAGTCT	GCAGAGTTCC	780
CCAACTGGTA	CATCAGCACC	TCACAAGCAG	AGCACAAGCC	TGTCTTCCTG	GGAAACAACA	840
GTGGTCAGGA	CATAATTGAC	TTCACCATGG	AATCTGTGTC	TTCCTAAAGT	ATGGGCTGGA	900
CTGTTTCTAA	TGCCTTCCCC	AGGGCATGTG	AAGGAGCTCC	CTTGTCATGA	ATGAGCAGAC	960
AGCTCAATCT	CTAGGACACT	CCTTAGTCCT	CGGCCAAGAC	AGGTCGCTCA	GGGTCACAAG	1020
AAACCATGGC	ACATTCTGTT	CAAAGAGAGC	CTGTGTTTCC	TCCTTGCCTC	TGATGGGCAA	1080
CCACTTACCT	ATTTATTTAT	GTATTTATTG	ATTGGTTGAT	CTATTTAAGT	TGATTCAAGG	1140
GGACATTAGG	CAGCACTCTC	TAGAACAGAA	CCTAGCTGTC	AACGTGTGGG	GGATGAATTG	1200
GTCATAGCCT	TGCACTTGAG	GTCTTTCATT	GAAGCTGAGA	ATAAATAGGT	TCCTATAATA	1260
TGGATGAGAA	TTTTTATGAA	TGAAGCATTA	GCACATTGCT	TTGATGAGTA	TGAAATAAAT	1320
TTCATTAAAC	AAACAAACA					1339

(2) INFORMATION FOR SEQ ID NO:5:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 1629 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: double
 (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: cDNA
- (iii) HYPOTHETICAL: NO
- (iv) ANTI-SENSE: NO
- (vi) ORIGINAL SOURCE:
 - (A) ORGANISM: Mus musculus

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

GCTGAGGGAC	TAGCCAGGAG	GGAGAACAGA	AACTCCAGAA	CATCCTGGAA	ATAGCTCCCA	60
GAAAAGCAAG	CAGCCAACCA	GGCAGGTTCT	GTCCCTTTCA	CTCACTGGCC	CAAGGCGCCA	120
CATCTCCCTC	CAGAAAAGAC	ACCATGAGCA	CAGAAAGCAT	GATCCGCGAC	GTGGAACTGG	180
CAGAAGAGGC	ACTCCCCCAA	AAGATGGGGG	GCTTCCAGAA	CTCCAGGCGG	TGCCTATGTC	240
TCAGCCTCTT	CTCATTCCTG	CTTGTGGCAG	GGGCCACCAC	GCTCTTCTGT	CTACTGAACT	300
TCGGGGTGAT	CGGTCCCCAA	AGGGATGAGA	AGTTCCCAAA	TGGCCTCCCT	CTCATCAGTT	360

CTATGGCCCA	GACCCTCACA	CTCAGATCAT	CTTCTCAAAA	TTCGAGTGAC	AAGCCTGTAG	420
CCCACGTCGT	AGCAAACCAC	CAAGTGGAGG	AGCAGCTGGA	GTGGCTGAGC	CAGCGCGCCA	480
ACGCCCTCCT	GGCCAACGGC	ATGGATCTCA	AAGACAACCA	ACTAGTGGTG	CCAGCCGATG	540
GGTTGTACCT	TGTCTACTCC	CAGGTTCTCT	TCAAGGGACA	AGGCTGCCCC	GACTACGTGC	600
TCCTCACCCA	CACCGTCAGC	CGATTTGCTA	TCTCATACCA	GGAGAAAGTC	AACCTCCTCT	660
CTGCCGTCAA	GAGCCCCTGC	CCCAAGGACA	CCCCTGAGGG	GGCTGAGCTC	AAACCCTGGT	720
ATGAGCCCAT	ATACCTGGGA	GGAGTCTTCC	AGCTGGAGAA	GGGGGACCAA	CTCAGCGCTG	780
AGGTCAATCT	GCCCAAGTAC	TTAGACTTTG	CGGAGTCCGG	GCAGGTCTAC	TTTGGAGTCA	840
TTGCTCTGTG	AAGGGAATGG	GTGTTCATCC	ATTCTCTACC	CAGCCCCCAC	TCTGACCCCT	900
TACTCTGAC	CCCTTTATTG	TCTACTCCTC	AGAGCCCCCA	GTCTGTGTCC	TTCTAACTTA	960
GAAAGGGGAT	TATGGCTCAG	AGTCCAACTC	TGTGCTCAGA	GCTTTCAACA	ACTACTCAGA	1020
AACACAAGAT	GCTGGGACAG	TGACCTGGAC	TGTGGGCCTC	TCATGCACCA	CCACCCACGG	1080
AATCGAGAAA	GAGCTATCAA	TCTGGAATTC	ACTGGAGCCT	CGAATGTCCA	TTCCTGAGTT	1140
CTGCAAAGGG	AGAGTGGTCA	GGTTGCCTCT	GTCTCAGAAT	GAGGCTGGAT	AAGATCTCAG	1200
GCCTTCCTAC	CTTCAGACCT	TTCCAGACTC	TTCCCTGAGG	TGCAATGCAC	AGCCTTCCTC	1260
ACAGAGCCAG	CCCCCTCTA	TTTATATTTG	CACTTATTAT	TTATTATTTA	TTTATTATTT	1320
ATTTATTTGC	TTATGAATGT	ATTTATTTGG	AAGGCCGGGG	TGTCCTGGAG	GACCCAGTGT	1380
GGGAAGCTGT	CTTCAGACAG	ACATGTTTTC	TGTGAAAACG	GAGCTGAGCT	GTCCCCACCT	1440
GGCCTCTCTA	CCTTGTTGCC	TCCTCTTTTG	CTTATGTTTA	AAACAAAATA	TTTATCTAAC	1500
CCAATTGTCT	TAATAACGCT	GATTTGGTGA	CCAGGCTGTC	GCTACATCAC	TGAACCTCTG	1560
CTCCCCACGG	GAGCCGTGAC	TGTAATTGCC	CTACGGGTCA	TTGAGAGAAA	TAAAGATCGC	1620
TTGGAAAAG						1629

(2) INFORMATION FOR SEQ ID NO:6:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 4110 base pairs (B) TYPE: nucleic acid

 - (C) STRANDEDNESS: double
 - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: cDNA
- (iii) HYPOTHETICAL: NO
- (iv) ANTI-SENSE: NO
- (vi) ORIGINAL SOURCE:
 - (A) ORGANISM: Mus musculus

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

GAGACTCTGG	CCCCACGGGA	CACAGTGTCA	CTGGTTTGAA	ACTTCTCAGC	CACCTTGGTG	60
AAGGGACTGA	GCTGTTAGAG	ACACTTCTGA	GGCTCCTCAC	GCTTGGGTCT	TGTTCACTCC	120
ACGGAGTAGC	CTAGTCAACT	GCAAGAGAAC	GGAGAACGTT	GGATTTGGAG	CAGAAGTGCA	180
AAGTCTCAGA	CATGGCTTGC	CCCTGGAAGT	TTCTCTTCAA	AGTCAAATCC	TACCAAAGTG	240
ACCTGAAAGA	GGAAAAGGAC	ATTAACAACA	ACGTGAAGAA	AACCCCTTGT	GCTGTTCTCA	300
GCCCAACAAT	ACAAGATGAC	CCTAAGAGTC	ACCAAAATGG	CTCCCCGCAG	CTCCTCACTG	360
GGACAGCACA	GAATGTTCCA	GAATCCCTGG	ACAAGCTGCA	TGTGACATCG	ACCCGTCCAC	420
AGTATGTGAG	GATCAAAAAC	TGGGGCAGTG	GAGAGATTTT	GCATGACACT	CTTCACCACA	480
AGGCCACATC	GGATTTCACT	TGCAAGTCCA	AGTCTTGCTT	GGGGTCCATC	ATGAACCCCA	540
AGAGTTTGAC	CAGAGGACCC	AGAGACAAGC	CTACCCCTCT	GGAGGAGCTC	CTGCCTCATG	600
CCATTGAGTT	CATCAACCAG	TATTATGGCT	CCTTTAAAGA	GGCAAAAATA	GAGGAACATC	660
TGGCCAGGCT	GGAAGCTGTA	ACAAAGGAAA	TAGAAACAAC	AGGAACCTAC	CAGCTCACTC	720
TGGATGAGCT	CATCTTTGCC	ACCAAGATGG	CCTGGAGGAA	TGTCCCTCGC	TGCATCGGCA	780
GGATCCAGTG	GTCCAACCTG	CAGGTCTTTG	ACGCTCGGAA	CTGTAGCACA	GCACAGGAAA	840
TGTTTCAGCA	CATCTGCAGA	CACATACTTT	ATGCCACCAA	CAATGGCAAC	ATCAGGTCGG	900
CCATCACTGT	GTTCCCCCAG	CGGAGTGACG	GCAAACATGA	CTTCAGGCTC	TGGAATTCAC	960
AGCTCATCCG	GTACGCTGGC	TACCAGATGC	CCGATGGCAC	CATCAGAGGG	GATGCTGCCA	1020
CCTTGGAGTT	CACCCAGTTG	TGCATCGACC	TAGGCTGGAA	GCCCCGCTAT	GGCCGCTTTG	1080
ATGTGCTGCC	TCTGGTCTTG	CAAGCTGATG	GTCAAGATCC	AGAGGTCTTT	GAAATCCCTC	1140
CTGATCTTGT	GTTGGAGGTG	ACCATGGAGC	ATCCCAAGTA	CGAGTGGTTC	CAGGAGCTCG	1200
GGTTGAAGTG	GTATGCACTG	CCTGCCGTGG	CCAACATGCT	ACTGGAGGTG	GGTGGCCTCG	1260
AATTCCCAGC	CTGCCCCTTC	AATGGTTGGT	ACATGGGCAC	CGAGATTGGA	GTTCGAGACT	1320
TCTGTGACAC	ACAGCGCTAC	AACATCCTGG	AGGAAGTGGG	CCGAAGGATG	GGCCTGGAGA	1380
CCCACACACT	GGCCTCCCTC	TGGAAAGACC	GGGCTGTCAC	GGAGATCAAT	GTGGCTGTGC	1440
TCCATAGTTT	CCAGAAGCAG	AATGTGACCA	TCATGGACCA	CCACACAGCC	TCAGAGTCCT	1500
TCATGAAGCA	CATGCAGAAT	GAGTACCGGG	CCCGTGGAGG	CTGCCCGGCA	GACTGGATTT	1560
GGCTGGTCCC	TCCAGTGTCT	GGGAGCATCA	CCCCTGTGTT	CCACCAGGAG	ATGTTGAACT	1620
ATGTCCTATC	TCCATTCTAC	TACTACCAGA	TCGAGCCCTG	GAAGACCCAC	ATCTGGCAGA	1680
ATGAGAAGCT	GAGGCCCAGG	AGGAGAGAGA	TCCGATTTAG	AGTCTTGGTG	AAAGTGGTGT	1740
TCTTTGCTTC	CATGCTAATG	CGAAAGGTCA	TGGCTTCACG	GGTCAGAGCC	ACAGTCCTCT	1800

TTGCTACTGA	GACAGGGAAG	TCTGAAGCAC	TAGCCAGGGA	CCTGGCCACC	TTGTTCAGCT	1860
ACGCCTTCAA	CACCAAGGTT	GTCTGCATGG	ACCAGTATAA	GGCAAGCACC	TTGGAAGAGG	1920
AGCAACTACT	GCTGGTGGTG	ACAAGCACAT	TTGGGAATGG	AGACTGTCCC	AGCAATGGGC	1980
AGACTCTGAA	GAAATCTCTG	TTCATGCTTA	GAGAACTCAA	CCACACCTTC	AGGTATGCTG	2040
TGTTTGGCCT	TGGCTCCAGC	ATGTACCCTC	AGTTCTGCGC	CTTTGCTCAT	GACATCGACC	2100
AGAAGCTGTC	CCACCTGGGA	GCCTCTCAGC	TTGCCCCAAC	AGGAGAAGGG	GACGAACTCA	2160
GTGGGCAGGA	GGATGCCTTC	CGCAGCTGGG	CTGTACAAAC	CTTCCGGGCA	GCCTGTGAGA	2220
CCTTTGATGT	CCGAAGCAAA	CATCACATTC	AGATCCCGAA	ACGCTTCACT	TCCAATGCAA	2280
CATGGGAGCC	ACAGCAATAT	AGGCTCATCC	AGAGCCCGGA	GCCTTTAGAC	CTCAACAGAG	2340
CCCTCAGCAG	CATCCATGCA	AAGAACGTGT	TTACCATGAG	GCTGAAATCC	CAGCAGAATC	2400
TGCAGAGTGA	AAAGTCCAGC	CGCACCACCC	TCCTCGTTCA	GCTCACCTTC	GAGGGCAGCC	2460
GAGGGCCCAG	CTACCTGCCT	GGGGAACACC	TGGGGATCTT	CCCAGGCAAC	CAGACCGCCC	2520
TGGTGCAGGG	AATCTTGGAG	CGAGTTGTGG	ATTGTCCTAC	ACCACACCAA	ACTGTGTGCC	2580
TGGAGGTTCT	GGATGAGAGC	GGCAGCTACT	GGGTCAAAGA	CAAGAGGCTG	CCCCCTGCT	2640
CACTCAGCCA	AGCCCTCACC	TACTTCCTGG	ACATTACGAC	CCCTCCCACC	CAGCTGCAGC	2700
TCCACAAGCT	GGCTCGCTTT	GGCACGGACG	AGACGGATAG	GCAGAGATTG	GAGGCCTTGT	2760
GTCAGCCCTC	AGAGTACAAT	GACTGGAAGT	TCAGCAACAA	CCCCACGTTC	CTGGAGGTGC	2820
TTGAAGAGTT	CCCTTCCTTG	CATGTGCCCG	CTGCCTTCCT	GCTGTCGCAG	CTCCCTATCT	2880
TGAAGCCCCG	CTACTACTCC	ATCAGCTCCT	CCCAGGACCA	CACCCCTCG	GAGGTTCACC	2940
TCACTGTGGC	CGTGGTCACC	TACCGCACCC	GAGATGGTCA	GGGTCCCCTG	CACCATGGTG	3000
TCTGCAGCAC	TTGGATCAGG	AACCTGAAGC	CCCAGGACCC	AGTGCCCTGC	TTTGTGCGAA	3060
GTGTCAGTGG	CTTCCAGCTC	CCTGAGGACC	CCTCCCAGCC	TTGCATCCTC	ATTGGGCCTG	3120
GTACGGGCAT	TGCTCCCTTC	CGAAGTTTCT	GGCAGCAGCG	GCTCCATGAC	TCCCAGCACA	3180
AAGGGCTCAA	AGGAGGCCGC	ATGAGCTTGG	TGTTTGGGTG	CCGGCACCCG	GAGGAGGACC	3240
ACCTCTATCA	GGAAGAAATG	CAGGAGATGG	TCCGCAAGAG	AGTGCTGTTC	CAGGTGCACA	3300
CAGGCTACTC	CCGGCTGCCC	GGCAAACCCA	AGGTCTACGT	TCAGGACATO	CTGCAAAAGC	3360
AGCTGGCCAA	TGAGGTACTO	AGCGTTCTCC	: ACGGGGAGCA	GGGCCACCTC	TACATTTGCG	3420
GAGATGTGCG	CATGGCTCGG	GATGTGGCTA	CCACATTGAA	GAAGCTGGTG	GCCACCAAGC	3480
TGAACTTGAG	CGAGGAGCAG	GTGGAAGACT	TATTTCTTCCA	A GCTCAAGAGC	CAGAAACGTT	3540
ATCATGAAGA	TATCTTCGG	GCAGTCTTT	CCTATGGGGC	CAAAAAAGGGG	AGCGCCTTGG	3600
AGGAGCCCAF	AGCCACGAG	CTCTGACAG	CCAGAGTTCC	AGCTTCTGGC	ACTGAGTAAA	3660

GATAATGGTG	AGGGGCTTGG	GGAGACAGCG	AAATGCAATC	CCCCCAAGC	CCCTCATGTC	3720
ATTCCCCCCT	CCTCCACCCT	ACCAAGTAGT	ATTGTATTAT	TGTGGACTAC	TAAATCTCTC	3780
TCCTCTCCTC	CCTCCCCTCT	CTCCCTTTCC	TCCCTTCTTC	TCCACTCCCC	AGCTCCCTCC	3840
TTCTCCTTCT	CCTCCTTTGC	CTCTCACTCT	TCCTTGGAGC	TGAGAGCAGA	GAAAAACTCA	3900
ACCTCCTGAC	TGAAGCACTT	TGGGTGACCA	CCAGGAGGCA	CCATGCCGCC	GCTCTAATAC	3960
TTAGCTGCAC	TATGTACAGA	TATTTATACT	TCATATTTAA	GAAAACAGAT	ACTTTTGTCT	4020
ACTCCCAATG	ATGGCTTGGG	CCTTTCCTGT	ATAATTCCTT	GATGAAAAAT	ATTTATATAA	4080
ልልጥል ሮልጥጥጥ	ATTTTAATCA	АААААААА				4110

(2) INFORMATION FOR SEQ ID NO:7:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 465 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: double
 - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: cDNA
- (iii) HYPOTHETICAL: NO
- (iv) ANTI-SENSE: NO
- (vi) ORIGINAL SOURCE:
 - (A) ORGANISM: Rattus norvegicus
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

GGCATCATGG CTGCCCTTCG GCCTCTGGTG AAGCCCAAGA TCGTCAAAAA GAGGACCAAG 60 AAGTTCATCA GGCACCAGTC GGACCGATAT GTGAAAATTA AGCGAAACTG GCGGAAACCC 120 AGAGGCATCG ACAACAGGGT GCGGAGAAGA TTCAAGGGCC AGATCCTGAT GCCCAACATT 180 GGTTACGGGA GTAACAAGAA AACCAAGCAC ATGCTGCCTA GCGGCTTCCG GAAGTTTCTG 240 GTCCACAATG TCAAGGAGCT GGAAGTGCTG CTGATGTGCA ACAAATCTTA CTGTGCTGAG 300 ATTGCTCACA ATGTGTCCTC TAAGAACCGA AAAGCCATCG TAGAAAGAGC AGCACAGCTG 360 GCCATCAGAG TCACCAATCC CAACGCCAGG CTACGCAGCG AAGAGAATGA ATAGATGGCT 420 465 TGTGTGCCTG TTTTGTGTTC AAATAAAACC ACAAAAACTG CCAAA

(2) INFORMATION FOR SEQ ID NO:8:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 21 base pairs
 - (B) TYPE: nucleic acid
 - (C) STRANDEDNESS: single
 - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: cDNA

(iii) HYPOTHETICAL: NO

(iv) 1	ANTI-SENSE: NO	
(vi) (ORIGINAL SOURCE: (A) ORGANISM: Mus musculus	
(xi) S	SEQUENCE DESCRIPTION: SEQ ID NO:8:	
GCTATCGACA	A AGCAGCAGAA T	21
(2) INFORM	MATION FOR SEQ ID NO:9:	
(i) S	SEQUENCE CHARACTERISTICS: (A) LENGTH: 22 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(ii) N	MOLECULE TYPE: cDNA	
(iii) F	HYPOTHETICAL: NO	
(iv) 1	ANTI-SENSE: NO	
(vi) (ORIGINAL SOURCE: (A) ORGANISM: Mus musculus	
(xi) \$	SEQUENCE DESCRIPTION: SEQ ID NO:9:	
TGAACACAA	C AACATAAAGC CC	22
(2) INFORM	MATION FOR SEQ ID NO:10:	
(i) 8	SEQUENCE CHARACTERISTICS: (A) LENGTH: 26 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: single (D) TOPOLOGY: linear	
(ii) 1	MOLECULE TYPE: cDNA	
(iii) ī	HYPOTHETICAL: NO	
(iv) i	ANTI-SENSE: NO	
(vi) (ORIGINAL SOURCE: (A) ORGANISM: Mus musculus	
(xi) :	SEQUENCE DESCRIPTION: SEQ ID NO:10:	
TGTTATATC	T GGTTATTATT GAATGG	26
(2) INFOR	MATION FOR SEQ ID NO:11:	
(i)	SEQUENCE CHARACTERISTICS:	

- (A) LENGTH: 27 base pairs(B) TYPE: nucleic acid(C) STRANDEDNESS: single(D) TOPOLOGY: linear

- (ii) MOLECULE TYPE: cDNA
- (iii) HYPOTHETICAL: NO
- (iv) ANTI-SENSE: NO
- (vi) ORIGINAL SOURCE:
 - (A) ORGANISM: Mus musculus
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:

CATTAAATGA TTTATTATCA GAATTGC

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